



OUTDOOR POWER SUPPLY

24VAC Power Supply

The FLIR 24VAC Outdoor Power Supply provides power via two (2) fuse-protected outputs for FLIR thermal security cameras. The power supply offers a variety of configurations to power up to four outdoor units from a single source. With two 24 or 28 VAC outputs, the 24VAC Power Supply compensates for voltage losses over long wire runs and offers different input voltages. Capable of powering integrated systems, the power supply also allows for full use of cameras with pan/tilt, heating, and blowing functionalities.

www.flir.com/security

FEATURES

- Multiple input voltage options
- 24 or 28 VAC output for longer wire runs
- Meets NEMA Type 4X/IP66 standards for weatherproof enclosure
- AC power indicator with power on/off switch
- Compatible with fixed-mount, dome, and pan/tilt cameras

SPECIFICATIONS

Model	
4124857	Outdoor camera power supply, 115 or 230 VAC input. Two fuse-protected 24/28 VAC outputs with total current capacities of 12.5 A (300 VA) and 10 A (280 VA).
Mechanical	
Cable Entry	Hole plugs for 0.75-inch (1.9 cm) conduit
Latch	Stainless steel link-lock latch; can be secured with padlock (not supplied)
Electrical	
Input Voltage	115 VAC 60 Hz, 3.0 A or 230 VAC 50 Hz, 1.5 A
Output Voltage	24 VAC @ 12.5 A or 28 VAC @ 10 A
Required Input Current	3.0 A, 1.5 A
Output Fuse Ratings	10 A/32 V
Input Connectors	Screw-type barrier strips
Output Connectors	Screw-type barrier strips
Input Wire Size	12–16 gauge solid wire
Certifications/Ratings	
CE Marked	
UL/cUL Listed	
Meets NEMA Type 4X and IP66 standards	

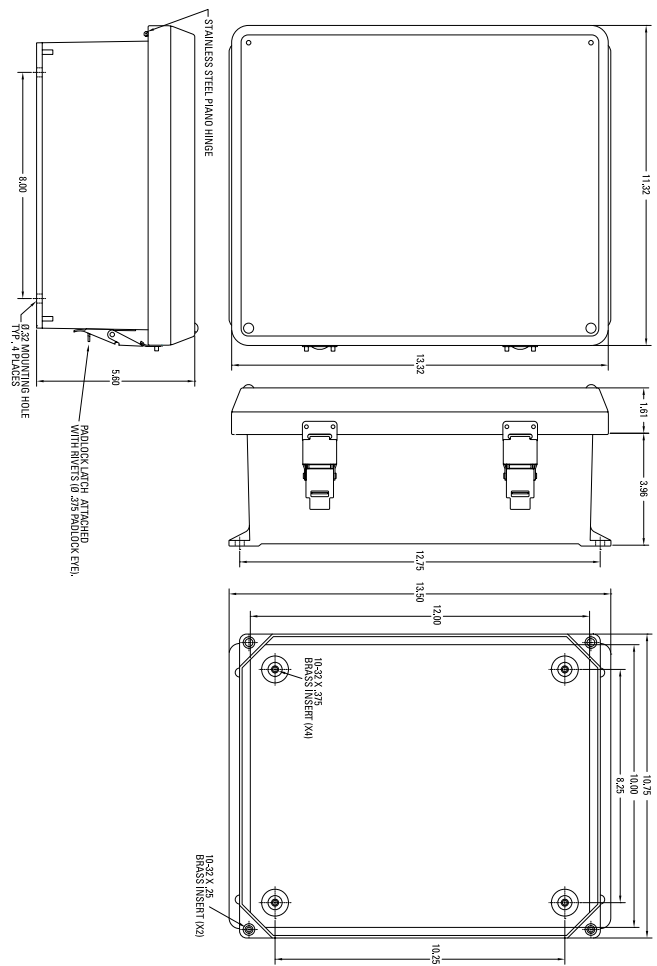
The following are the recommended maximum distances (transformer to load) and are calculated with a 10 percent voltage drop. (Ten percent is generally the maximum allowable voltage drop for AC-powered devices.) Distances are calculated in feet; values in parentheses are meters.

Recommended Wiring Distance Chart

Input Voltage	Total VA Consumed	Wire Gauge					
		20 AWG (0.5 mm ²)		18 AWG (1.0 mm ²)		16 AWG (1.5 mm ²)	
24 VAC	25	113	(34)	180	(55)	287	(87)
	50	56	(17)	90	(27)	143	(43)
	70	41	(12)	64	(19)	102	(31)
28 VAC	25	155	(47)	246	(75)	392	(119)
	50	77	(23)	122	(37)	195	(59)
	70	55	(17)	88	(27)	135	(41)

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

Enclosure Dimensions (H x W x D)
13.31" x 11.31" x 5.59" (338.074 mm x 287.274 mm x 141.986 mm)



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